

REMARKS

Claims 23, 28, 31-32 and 34-36 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lien et al. (U.S. Patent No. 6,493,050). In response, Applicants amended claim 23 to include the feature that the surfaces of the bus lines which face the first substrate are formed from a low reflection material, and respectfully traverse the rejection.

Lien is directed to a wide viewing angle liquid crystal display, and provides a substrate with patterning of a first color filter layer on the substrate. Lien is silent regarding bus lines. Accordingly, Applicants respectfully submit that Lien cannot be cited for teaching what type of materials the bus lines are formed of when forming a liquid crystal display.

In contrast, the present invention has at least surfaces of the bus lines facing the first substrate being formed from a low reflection material. Support for this feature can be found in the original description claim 31, and also page 34, second paragraph of the present Application. Since Lien is silent regarding how surfaces of the bus lines facing the first substrate are formed, and in particular that the bus lines are formed of a low reflection material, withdrawal of the §103(a) rejection is respectfully requested.

Claims 25 and 33 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lien in view of Kadota et al. (U.S. Patent No. 5,818,550). Applicants traverse the rejection for the reasons recited above with respect to the rejection of independent claim 23.

The deficiencies of Lien are noted above. Kadota is merely recited for disclosing that the second substrate can be thinner than the first substrate. Kadota further teaches at col. 5, lines 10-13 that a film of polycrystalline silicon or a metal such as MoSi, WSi, Al, Ta, Mo/Ta, Mo, W, Ti, Cr or the like is formed in a pattern to form the gate electrodes 3. However, Kadota fails to disclose or suggest that surfaces of the bus lines facing the first substrate are formed from a low reflection material. For this reason, any combination of Lien and Kadota fails to disclose or suggest this feature, and withdrawal of the §103(a) rejection is respectfully requested.

Claims 26-27 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Lien in view of Kurematsu et al. (U.S. Patent No. 5,764,318). Applicants respectfully traverse the rejection for the reasons recited above with respect to the rejection of independent claim 23.

The deficiencies of Lien are noted above. Kurematsu is merely cited for teaching that an alkaline glass can be formed in an LCD device. However, Kurematsu also fails to overcome the deficiencies of Lien. Therefore, any combination of Kurematsu and Lien fails to disclose or suggest surfaces of the bus lines which face the first substrate being formed from a low reflection material. For this reason, withdrawal of the §103(a) rejection of claims 26-27 is respectfully requested.

New claim 37 is added and further clarifies that the one of the bus lines is located directly below the columnar spacer. Applicants earnestly solicit allowance of new claim 37 for the reasons recited above with respect to the rejection of independent claim 23, and also based on the features recited in this claim.


For all of the foregoing reasons, Applicants submit that this Application is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely, it is hereby petitioned under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely. The Commissioner is hereby authorized to charge any additional fees which may be required to this Application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069.

Respectfully submitted,

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